

# Monitor / Controller / Access Control System

## Monitor

### LED Monitors



**SMT-4031**

- 40"LED Monitor
- Support up to 1,920 x 1,080 resolution
- Fast response time 8ms
- High contrast ratio 5,000 : 1
- Video Input : HDMI/VGA/Component (CVBS common)
- Excellent picture quality with LED back light



**SMT-3231**

- 32"LED Monitor
- Support up to 1,920 x 1,080 resolution
- Fast response time 8ms
- High contrast ratio 5,000 : 1
- Video Input : HDMI/VGA/Component (CVBS common)
- Excellent picture quality with LED back light



**SMT-2730/2232**

- 27" LED / 21.5" Wide LED Monitor
- Support up to 1,920 x 1,080 resolution
- Fast response time 8ms (SMT-2730)  
5ms (SMT-2232)
- High Contrast ratio 1,000 : 1
- Video Input : HDMI, VGA, Composite  
120Hz motion technology (SMT-2232)



**SMT-1930/1934**

- 18.5" Wide LED / 19" LED Monitor
- Support up to 1,360 x 768 resolution (SMT-1930)
- Support up to 1,280 x 1,024 resolution (SMT-1934)
- Fast response time 5ms
- High contrast ratio 1,000 : 1
- Video Input : HDMI, VGA, Composite  
120Hz motion technology (SMT-1930)



**SMT-1914/1734**

- 19" LED / 17" LED Monitor
- Support up to 1,280 x 1,024 resolution
- Fast response time 5ms
- High contrast ratio 1,000 : 1
- Video Input : VGA (SMT-1914)  
HDMI, VGA, BNC (SMT-1734)
- Tempered glass screen

## Controller



**SPC-6000**

- System Control Keyboard
- 5" TFT touch LCD
- Control PTZ dome cameras, DVRs and matrix switches
- Up to 255 units with a single controller
- Connect to a system up to 16 controllers



**SPC-2010**

- PTZ / DVR System Controller
- Control up to 255 PTZ cameras/DVRs
- Built-in 3 axis twist joystick
- Built-in Jog shuttle
- 16 x 2 Character LCD display
- RS-485 and RS-422 interface



**SPC-1010**

- PTZ Control Keyboard
- Control up to 255 PTZ cameras
- Multi protocols supports
- OSD Menu, 3D joystick control
- RS-485 and RS-422 interface



**SPC-300**

- Coaxial Remote Controller
- Control via coaxial cable or RS-485
- Camera connected : 1unit
- Cable extension : max. 500m (with 5C-2V cable)
- RS-485 and RS-232C interface



**SPC-200**

- Camera zoom in/out, OSD control
- RS-485 communication
- Zoom camera RJ-45 connector control

## Access Control System

### Readers



**SSA-R2010/R2011**

- Proximity / Smart Card, Fingerprint Reader
- 125KHz Proximity / 13.56MHz Contact-less Smart Card and Fingerprint Recognition
- 1 : 1 Verification and 1 : N Identification storables 2 Fingerprint Templates
- 1,000 Fingerprint Users and 10,000 ID Users
- Auto Touch sensor for fingerprint only identification



**SSA-R2000/R2001**

- Proximity / Smart Card & PIN Reader
- 125KHz Proximity / 13.56MHz Contact-less Smart Card / PIN Reader
- 12 Numeric Keypads with Back Lighting
- External LED control
- External buzzer control
- Tamper Switch



**SSA-R1000/R1001/R1100/R1101**

- Proximity / Smart Card / EM Reader
- 125KHz proximity / 13.56MHz contact-less smart card / Reader
- 26/34bit wiegand output format
- External LED control
- External buzzer control
- Indoor / outdoor operation



**SSA-PE1202**

- Lift Access Control Panel
- Controls up to 384 floors (12floors per control panel, expandable up to 32 control panel)
- Up to 50,000 users and 20,000 event buffers
- 26/34 bit wiegand switchable
- Integration with SSA-P4xx series control panel
- Real-time monitoring of lift access and alarm status



**SSA-P420T/P421T/400T/401T**

- Intelligent 4 Doors Access Controller
- Up to 50,000 Users and 29,500 Event Buffers
- Standalone / Network communication via RS-232/RS-422/RS-485, TCP/IP
- Independent 15 inputs and 15 outputs including 2ea of 2 Form-C Relay outputs
- Power Package (SSA-P420T/421T)

### Card



**SSA-P112T/P102T**

- Intelligent Single Door Access Controller
- Up to 50,000 Users and 50,000 Event Buffers
- Standalone / Network Communication via RS-232/RS-422/RS-485 (SSA-P112T)
- Independent 5 Inputs and 4 Outputs including 2ea of 2 Form-C Relay Outputs
- Power Package (SSA-P112T)



**SSA-X100**

- Power package for control panel
- Communication status via LED indicator
- Surge protection (NFB)
- Low battery check
- AC power failure check
- Battery recharge circuit



**SSA-C100/C200/C110**

- Proximity Card
- 125KHz / passive type (SSA-C100/C110)
- 13.56MHz / passive type (SSA-C200)
- ISO credit card size and thickness (SSA-C100/C200)
- Clamshell type (SSA-C110)



**SSA-X500**

- Finger Print Scanner
- Compact and elegant design, which is more convenient to use
- Excellent product durability that assures a long life
- Provides USB interface



**SSA-M2000/M2100**

- SAMS (Samsung Access Management Software) Pro / Pro Lite
- Video surveillance integration allowing control of cameras and digital video recorders
- Supports multiple sites
- Supports multiple languages
- Dynamic card holder and ID management function
- Graphical map for ease of navigation



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**SAMSUNG TECHWIN CO., LTD.** 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400  
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com  
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**SAMSUNG TECHWIN AMERICA Inc.** 100 Challenger Rd, Suite 700 Ridgefield Park, NJ 07660  
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920  
Fax : +1-201-373-0124

**SAMSUNG TECHWIN EUROPE LTD.** 2nd floor No.5 The Height, Brookland, Weybridge,  
Surrey, UK KT13 0NY  
Tel : +44-1932-82-6700 Fax : +44-1932-5122

**SHANGHAI SAMSUNG TECHWIN CO., LTD.** 32F, B1, International Business Center, No. 391  
Guiping Rd, Shanghai, China, 200233  
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122

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# Security Solutions

## Product Line-up

2014 3rd Quarter



FIRST EDITION 07-2014

**SAMSUNG TECHWIN**

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## Network Camera

Box	WiseNet™ II	SNB-7004	SNB-7001	WiseNet™ II	SNB-6010	WiseNet™ II	SNB-6004/6003	WiseNet™ II	SNB-5004/5003	WiseNet™ II
<b>3MP Full HD Box Camera</b>		<b>3MP Full HD Box Camera</b>	<b>3MP Full HD Box Camera</b>		<b>2MP 4.6mm Remote Head Camera</b>		<b>2MP Full HD Box Camera</b>		<b>1.3MP HD Box Camera</b>	
<ul style="list-style-type: none"> <li>Max. 3M (2,048x1,536) resolution</li> <li>30fps@2,048x1,536 / 60fps@1,920 x 1,080</li> <li>Simple focus, P-Iris, WDR (120dB)</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Built-in mic.</li> </ul>		<ul style="list-style-type: none"> <li>Max. 3M (2,048x1,536) resolution</li> <li>H.264, MJPEG dual codec</li> <li>Multiple streaming</li> <li>Smart compression (ROI encoding)</li> <li>Tampering, PoE</li> </ul>	<ul style="list-style-type: none"> <li>Max. 2M (1,920x1,080) resolution</li> <li>30fps@1,920 x 1,080</li> <li>WDR (120dB)</li> <li>Advanced motion detection, Defog, VA</li> <li>Multi-crop streaming</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920x1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>Enhanced DIS, Defog</li> <li>Simple focus (SNB-6004), P-Iris</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming</li> </ul>		<ul style="list-style-type: none"> <li>Max. 1.3M (1,280x1,024) resolution</li> <li>60fps@1,280x1,024</li> <li>Simple focus, Day &amp; Night (ICR) (SNB-5004)</li> <li>WDR (130dB), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming</li> </ul>		<ul style="list-style-type: none"> <li>Max. 30(25)fps at 4CIF resolution</li> <li>30fps@1,920 x 1,080</li> <li>Simple focus, Day &amp; Night (ICR)</li> <li>WDR (120dB), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>PoE, IP66, IK10</li> </ul>	
Zoom Box	WiseNet™ III	SNB-5001	SNB-3002	WiseNet™ III	SNZ-5200	WiseNet™ III	SNO-7084R	WiseNet™ III	SNO-6084R/6011R	WiseNet™ III
<b>1.3MP HD Box Camera</b>		<b>4CIF WDR Box Camera</b>	<b>1.3MP HD 20x Zoom Camera</b>		<b>1.3MP HD Box Camera</b>		<b>3MP Full HD Weatherproof IR Camera</b>		<b>2MP Full HD Weatherproof IR Camera</b>	
<ul style="list-style-type: none"> <li>Max. 1.3M (1,280x1,024) resolution</li> <li>H.264, MJPEG dual codec</li> <li>Multiple streaming</li> <li>Tampering, PoE</li> </ul>		<ul style="list-style-type: none"> <li>Max. 30(25)fps at 4CIF resolution</li> <li>H.264, MPEG-4, MJPEG multiple codec</li> <li>Multiple streaming, Tampering</li> <li>Tampering, MD</li> <li>PoE, SD memory, Bi-directional audio</li> </ul>	<ul style="list-style-type: none"> <li>Max. 1.3M (1,280x1,024)</li> <li>20x zoom (4.45 ~ 89mm)</li> <li>H.264, MPEG-4, MJPEG multiple codec</li> <li>PoE, SD memory, Bi-directional audio</li> </ul>		<ul style="list-style-type: none"> <li>Max. 3M (2,048x1,536) resolution</li> <li>30fps@2,048 x 1,536 / 60fps@1,920 x 1,080</li> <li>H.264, MPEG-4, MJPEG multiple codec</li> <li>Simple focus (Motorized VF), P-Iris, WDR (120dB)</li> <li>Day&amp;Night (ICR), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, IP66, IK10</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920 x 1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>3~8.5mm (2.8x) Motorized V/F lens</li> <li>Simple focus (Motorized VF), P-Iris</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, IP66, IK10</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920 x 1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>3~8.5mm (2.8x) Motorized V/F lens</li> <li>Simple focus, Day &amp; Night (ICR)</li> <li>WDR (130dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>PoE, IP66, IK10</li> </ul>	
Dome	WiseNet™ II	SNF-8010/8010VM	SNF-7010/7010V/7010VM	WiseNet™ II	SND-7084	WiseNet™ II	SND-7061	WiseNet™ II	SND-6084/6083	WiseNet™ II
<b>5MP 360 Degree Fisheye Camera</b>		<b>3MP 360 Degree Fisheye Camera</b>	<b>3MP Full HD Dome Camera</b>		<b>3MP Full HD Dome Camera</b>		<b>2MP Full HD Dome Camera</b>		<b>2MP Full HD Dome Camera</b>	
<ul style="list-style-type: none"> <li>Max. 5M (2,560x2,048) resolution</li> <li>20fps@2,560x2,048</li> <li>Various viewing composition, 6 dewarping view mode</li> <li>Digital PTZ, Bi-directional audio</li> <li>MD, AD, Heat map, People counting</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>IP66, IK10, EN50155 (SNF-7010V/7010VM)</li> <li>M12 (SNF-7010VM)</li> </ul>		<ul style="list-style-type: none"> <li>Max. 3M(2,048x1,536) resolution</li> <li>20fps@2,048 x 1,536 ~ WDR (120dB)</li> <li>Various viewing composition</li> <li>Digital PTZ, Bi-directional audio</li> <li>MD, AD, Heat map, People counting</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>IP66, IK10 and EN50155 (SNF-7010V/7010VM)</li> </ul>	<ul style="list-style-type: none"> <li>Max. 3M(2,048x1,536) resolution</li> <li>20fps@2,048 x 1,536 / 60fps @ 1,920 x 1,080</li> <li>3~8.5mm (2.8x) Motorized V/F lens</li> <li>Simple focus (Motorized VF), P-Iris, WDR (120dB)</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, Built-in mic.</li> </ul>		<ul style="list-style-type: none"> <li>Max. 3M (2,048x1,536) resolution</li> <li>30fps@2,048 x 1,536 / 60fps@1,920 x 1,080</li> <li>2.8~10mm (3.6x) Motorized V/F lens (SND-5084)</li> <li>3mm fixed lens (SND-5011)</li> <li>H.264, MJPEG dual codec</li> <li>Multiple streaming, PoE</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920x1,080) resolution</li> <li>60fps @ 1,920 x 1,080</li> <li>3~8.5mm (2.8x) motorized V/F lens</li> <li>Simple focus, WDR (120dB)</li> <li>Day&amp;Night (ICR), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Bi-directional audio support</li> <li>Multi-crop streaming, IR LED</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920x1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>3~8.5mm (2.8x) motorized V/F lens</li> <li>Simple focus (SND-6084)</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, PoE</li> </ul>	
IR Dome	WiseNet™ II	SND-5084/5083	SND-5061/5011	WiseNet™ II	SND-3082	WiseNet™ II	SND-7084R	WiseNet™ II	SND-6084R	WiseNet™ II
<b>1.3MP HD Dome Camera</b>		<b>1.3MP HD Dome Camera</b>	<b>4CIF WDR Dome Camera</b>		<b>3MP Full HD IR Dome Camera</b>		<b>3MP Full HD IR Dome Camera</b>		<b>2MP Full HD IR Dome Camera</b>	
<ul style="list-style-type: none"> <li>Max. 1.3M (1,280 x 1,024) resolution</li> <li>60fps@1,280 x 1,024</li> <li>3~8.5mm (2.8x) motorized V/F lens (SND-5084)</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming</li> </ul>		<ul style="list-style-type: none"> <li>Max. 1.3M (1,280 x 1,024) resolution</li> <li>20fps@1,280 x 1,024</li> <li>3~8.5mm (2.8x) motorized V/F lens (SND-5061)</li> <li>H.264, MJPEG dual codec</li> <li>Multiple streaming, PoE</li> </ul>	<ul style="list-style-type: none"> <li>Max. 3M(2,048x1,536) resolution</li> <li>2.8~10mm (3.6x) Motorized V/F lens (SND-5011)</li> <li>2.8x Motorized V/F Lens (3~8.5mm)</li> <li>H.264, MPEG-4, MJPEG multiple codec</li> <li>Multiple streaming, PoE, Bi-directional audio</li> </ul>		<ul style="list-style-type: none"> <li>Max. 3M(2,048x1,536) resolution</li> <li>3.9x V/F lens (2.8 ~ 11mm)</li> <li>H.264, MPEG-4, MJPEG multiple codec</li> <li>Simple focus (Motorized VF), P-Iris, WDR (120dB)</li> <li>Day&amp;Night (ICR), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Bi-directional audio support</li> <li>Multi-crop streaming, IR LED</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920x1,080) resolution</li> <li>30fps@2,048 x 1,536 / 60fps@1,920 x 1,080</li> <li>2.8x Motorized V/F lens (3~8.5mm)</li> <li>H.264, MPEG-4, MJPEG multiple codec</li> <li>Simple focus (Motorized VF), P-Iris, WDR (120dB)</li> <li>Day&amp;Night (ICR), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, IR LED</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920x1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>3~8.5mm (2.8x) motorized V/F lens</li> <li>Simple focus, WDR (120dB)</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, IR LED</li> </ul>	
Vandal-Resistant	WiseNet™ II	SND-6011R	SND-5084R	WiseNet™ II	SNV-7084	WiseNet™ II	SNV-6084	WiseNet™ II	SNV-6013	WiseNet™ II
<b>2MP Full HD IR Dome Camera</b>		<b>1.3MP HD IR Dome Camera</b>	<b>3MP Full HD Vandal-Resistant Dome Camera</b>		<b>2MP Full HD Vandal-Resistant Dome Camera</b>		<b>2MP Full HD Vandal-Resistant Compact Dome Camera</b>		<b>2MP Full HD Vandal-Resistant Compact Dome Camera</b>	
<ul style="list-style-type: none"> <li>Max. 2M(1,920x1,080) resolution</li> <li>30fps@1,920 X 1,080</li> <li>3.8mm fixed lens</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, IR LED</li> </ul>		<ul style="list-style-type: none"> <li>Max. 1.3M (1,280x1,024) resolution</li> <li>60fps@1,280 X 1,024</li> <li>3~8.5mm (2.8x) motorized V/F lens</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Built-in mic.</li> <li>Multi-crop streaming, IR LED</li> </ul>	<ul style="list-style-type: none"> <li>Max. 3M(2,048x1,536) resolution</li> <li>Full HD@1,280 X 1,080</li> <li>2.8x Motorized V/F Lens (3~8.5mm)</li> <li>Simple focus, P-Iris, WDR (130dB)</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, IP66, IK10</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920x1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>2.8mm fixed lens</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, IP66, IK10</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920x1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>2.8mm fixed lens</li> <li>Simple focus</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, IP66, IK10</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920x1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>2.8mm fixed lens</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming, IP66, IK10</li> </ul>	
IR Vandal-Resistant	WiseNet™ III	SNV-7084	SNV-6084	WiseNet™ III	SNV-6012M	WiseNet™ III	SNV-5084	WiseNet™ III	SNV-3082	WiseNet™ III
<b>2MP Full HD Vandal-Resistant IR Dome Camera</b>		<b>1.3MP HD Vandal-Resistant Dome Camera</b>	<b>1.3MP HD Vandal-Resistant Mobile Flat Camera</b>		<b>2MP Full HD Vandal-Resistant IR Dome Camera</b>		<b>4CIF WDR Vandal-Resistant Dome Camera</b>		<b>4CIF Full HD Vandal-Resistant IR Dome Camera</b>	
<ul style="list-style-type: none"> <li>Max. 2M(2,048x1,536) resolution</li> <li>30fps@2,048x1,536 / 60fps@1,920 x 1,080</li> <li>3.8.5mm (2.8x) motorized V/F lens</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M (1,920 x 1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>3mm fixed lens</li> <li>Day &amp; Night (Electrical), Enhanced DIS, Defog</li> <li>WDR (120dB), Enhanced DIS, Defog</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>PoE, IP66, IK10</li> </ul>	<ul style="list-style-type: none"> <li>Max. 2M (1,920 x 1,080) resolution</li> <li>60fps@1,920 x 1,080</li> <li>3.8.5mm (2.8x) motorized V/F lens</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (130dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>PoE, IP66, IK10</li> </ul>		<ul style="list-style-type: none"> <li>Max. 30(25)fps at 4CIF resolution</li> <li>30fps@1,920 x 1,080</li> <li>3.8.5mm (2.8x) motorized V/F lens</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>PoE, IP66, IK10</li> </ul>		<ul style="list-style-type: none"> <li>Max. 30(25)fps at 4CIF resolution</li> <li>30fps@1,920 x 1,080</li> <li>3.8.5mm (2.8x) motorized V/F lens</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>PoE, IP66, IK10</li> </ul>		<ul style="list-style-type: none"> <li>Max. 2M(2,048x1,536) resolution</li> <li>30fps@2,048x1,536 / 60fps@1,920 x 1,080</li> <li>3~8.5mm (2.8x) motorized V/F lens</li> <li>Day &amp; Night (ICR), Enhanced DIS, Defog</li> <li>WDR (120dB)</li> <li>micro SD/SDHC/SDXC memory slot</li> <li>Multi-crop streaming</li> </ul>	

# NETWORK / ANALOG

## Management Software

### SSM-VM10/20



#### Video Wall Monitor Management Software

- SSM-VM10 : Up to 16monitors display control
- SSM-VM20 : Up to 36monitors display control
- Run on standard PCs and displays
- Live monitoring / Sequence mode
- Event-driven virtual salvo switching
- Easy set & control through VM manager, SSM console

### SSM mobile



#### SSM Mobile viewer for Android / iOS

- Local / remote connection to SSM
- View layout / device list by user
- View live streaming video with PTZ control
- Supported format : H.264/MJPEG
- Calendar search / playback / bookmark functions

### SmartViewer



#### Easy Central Management Software

- Up to 36 videos monitoring from the connected devices
- Support for full screen mode
- Support for sequence function
- Favorite view & sequence of favorites
- Up to 16 videos simultaneous playback

### iPOLiS mobile



#### Mobile viewer for Android / iOS

- View live streaming video with PTZ control from the connected devices
- Supported format : H.264/MJPEG
- Video image flip / mirror, Video image capture
- Calendar search / playback / bookmark functions for DVRs / NVRs

## Controller



#### Controller

- Superior system compatibility
- 3D joystick control
- Quick and easy installation
- SSM support

## Analog Camera

BEYOND

Box

### SCB-5005/5003/5000



#### 1000TVL High Resolution Box Camera

- 1000TVL
- 0.03Lux@F1.2(Color), 0.003Lux(B/W)
- 0.1Lux@F1.2(Color), 0.01Lux(B/W)
- Day & Night (ICR), Intelligent video
- WDR (120dB) (SCB-5005, 5003)
- Simple focus, P-Iris (SCB-5005, 5003)
- SSDR, SSNR III, Defog
- Intelligent video (SCB-5005, 5003)
- Coaxial control

### SCB-4000



#### High Resolution Box Camera

- 600TVL (Color), 700TVL (B/W)
- 0.1Lux@F1.2 (Color), 0.01Lux (B/W)
- Day & Night (ICR), Intelligent video
- Coaxial control, RS-485

### SCB-3003/3001/3000



#### Premium Resolution WDR Camera

- 700TVL (Color : SCB-3003), 650TVL (Color : SCB-3001), 600TVL (Color : SCB-3000)
- 0.1Lux@F1.2 (Color), 0.01 Lux (B/W)
- 0.3Lux@F1.2 (Color), 0.01 Lux (B/W) (SCB-3003/3001)
- 0.3Lux@F1.2 (Color), 0.01 Lux (B/W) (SCB-3000)
- Day & Night (ICR), Intelligent video
- Coaxial control, RS-485

### SCB-2005/2004



#### High Resolution Box Camera

- 700TVL (ER mode)
- 0.1Lux@F1.2
- MD, Defog
- Day & Night (ICR) : SCB-2005
- Day & Night (ICR)
- Coaxial Control

### SCB-2001



#### High Resolution Box Camera

- 600TVL (Color), 700TVL (B/W)
- 0.05Lux@F1.2 (Color), 0.01Lux (B/W)
- Day & Night (ICR), Intelligent video
- Coaxial control, RS-485

## Zoom Box

BEYOND

### SCB-2000/1001



#### High Resolution Box Camera

- 600TVL
- 0.05Lux@F1.2 (Color) (SCB-2000)
- 0.1Lux@F1.2 (Color) (SCB-1001)
- Day & Night (Electrical)
- MD, SSNR III (SCB-2000)
- SSNR, Defog (SCB-1001)
- Coaxial control

### SCB-3020



#### High Resolution ATM Camera

- 600TVL
- 0.45Lux@F2.0 (Color)
- Fixed lens (3.7mm)
- WDR, VPS, Intelligent video
- Coaxial control

### SCZ-3430



#### High Resolution

- 43x WDR Zoom Camera
- 600TVL (Color), 700TVL(B/W)
- 0.7Lux@F1.6 (Color), 0.07Lux (B/W)
- 43x zoom (3.2 ~ 138.5mm), digital 16x
- WDR, VPS, Day & Night (ICR), Intelligent video
- Coaxial control

### SCZ-3370/2370



#### High Resolution

- 37x Zoom Camera
- 600TVL (Color), 700TVL(B/W)
- 0.7Lux@F1.6 (Color), 0.07Lux (B/W)
- 37x zoom (3.5 ~ 129.5mm), digital 16x
- Day & Night (ICR), SSNR III
- WDR, VPS, Intelligent video (SCZ-3370)

### SCZ-2373/2273



#### High Resolution

- 37x Zoom Camera
- 600TVL (ER mode)
- 0.2Lux@F1.6 (Color), 0.01Lux (B/W)
- 37x zoom (3.5 ~ 129.5mm), digital 16x
- Day & Night (ICR), Intelligent video
- Coaxial control, IP66, IK10

## Bullet

BEYOND

### SCZ-2250



#### High Resolution 25x Zoom Camera

- 600TVL (Color), 700TVL (B/W)
- 0.2Lux@F1.65 (Color), 0.02Lux (B/W)
- 25x zoom (3.66 ~ 91.36mm), digital 16x
- WDR(120dB), Day & Night (ICR)
- Coaxial control

### SCO-5083R



#### High Resolution WDR Weatherproof IR Camera

- IP66
- 0.2Lux@F1.65 (Color), 0.02Lux (B/W)
- 25x zoom (3.66 ~ 91.36mm), digital 16x
- Day & Night (ICR), Intelligent video
- Coaxial control, IP66, IK10, Coaxial control

### SCO-2081R



#### Premium Resolution Weatherproof IR Camera

- IP66
- 1000TVL (color)
- 0Lux (IR LED On), IR distance 50m
- 3.6x Varifocal lens (2.8~10mm)
- WDR(120dB), Day & Night (ICR)
- SSDR, SSNR IV, Defog • Intelligent video
- IP66

### SCO-2040R/2030R



#### High Resolution Small IR One Body Camera

- IP66
- 650TVL (Color), 700TVL(B/W)
- 0Lux (IR LED on), IR distance 25m
- Fixed lens (8mm : SCO-2040R) (6mm : SCO-2030R)
- Coaxial control, RS-485, Dual power
- IP66

### SCO-2120R



#### High Resolution 12x Weatherproof IR Camera

- IP66
- 650TVL (Color), 700TVL(B/W)
- 0.7Lux@F1.65 (Color), 0.07Lux (B/W)
- 12x zoom (3.94 ~ 46.05mm), digital 16x
- Day & Night (ICR), SSNR III
- WDR, VPS, Intelligent video, IP66, IK10, Coaxial control

## Dome

BEYOND

### SCO-2080R



#### High Resolution Weatherproof IR Camera

- 600TVL (Color), 700TVL (B/W)
- 0Lux (IR LED On), IR distance 50m
- 3.6x W/F lens (2.8 ~ 10mm)
- Day & Night (ICR), SSNR III
- IP66, Coaxial control

### SCO-1020R



#### Small Weatherproof IR Camera

- 520TVL
- 0Lux (IR LED On), IR distance 15m
- Fixed lens (3.6mm)
- IP66

### SCD-5083/5080



#### High Resolution 1000TVL Dome Camera

- 1000TVL
- 0.03Lux@F1.2 (Color), 0.003Lux (B/W) (SCD-5083)
- 0.05Lux@F1.4 (Color), 0.005Lux (B/W) (SCD-5080)
- Day & Night (ICR : SCD-5083) • WDR (120dB : SCD-5083)
- 3.6x W/F lens (2.8 ~ 10mm) (SCD-5083)
- 3.6x W/F lens (2.8 ~ 10mm) (SCD-5080)
- SSDR, SSNR IV, Defog • Intelligent video
- Coaxial control, DV 12V

### SCD-5030/5020



#### Premium Resolution 1000TVL Dome Camera

- 1000TVL
- 0.09Lux@F1.8
- Day & Night (Electrical)
- Fixed lens (3.6mm : SCD-5020)
- Day & Night (ICR : SCD-5030) • WDR (120dB : SCD-5030)
- 3.6x W/F lens (2.8 ~ 10mm) (SCD-5030)
- 3.6x W/F lens (2.8 ~ 10mm) (SCD-5020)
- Fixed lens (6.0mm : SCD-5030)
- SSDR, SSNR IV, Defog • Intelligent Video
- Coaxial Control

### SCD-3083/3080



#### High Resolution WDR Dome Camera

- 600TVL (Color), 700TVL (B/W)
- 0.15Lux@F1.2 (Color), 0.015Lux (B/W) (SCD-3080)
- 0.15Lux@F1.2 (Color) (SCD-3083)
- 3.6x W/F lens (2.8 ~ 10mm) (SCD-3080)
- MD, SSNR III, Defog, Coaxial control
- Day & Night (ICR : SCD-3083), SSNR III, Coaxial control

# ANALOG

## Analog Camera

# ANALOG/DVR

## Analog Camera

IR PTZ Dome	Positioning	HD-SDI
<b>SCP-2120</b>  High Resolution 12x PTZ Dome Camera • 600TVL (Color), 700TVL (B/W) • 0.2Lux@F1.6 (Color), 0.004Lux (B/W) • 12x zoom (3.9 ~ 46mm) • Day & Night (ICR), SSNRIII, Coaxial control • IP66, IK10, Coaxial control	<b>SCP-2370RH</b>  High Resolution 37x IR PTZ Dome Camera • 600TVL (Color), 700TVL (B/W) • 0Lux (IR LED on), IR distance 100m • 37x zoom (3.5 ~ 129.5mm) • Day & Night (ICR), SSNRIII • IP66, IK10, Coaxial control	<b>SCU-2370</b>  High Resolution 37x Weatherproof Positioning System • 600TVL (Color), 700TVL (B/W) • 0Lux (IR LED on), IR distance 100m • 37x zoom (3.5 ~ 129.5mm) • Day & Night (Electrical), WDR (100dB), MD • SSNRIII, 12V DC • IP66
<b>SCD-6021</b>  1080P HD-SDI WDR Dome Camera • Full HD (1,920 x 1,080, 30fps), HD (1,280 x 720, 60fps) • 0.2Lux@F1.2 (Color), 0.02Lux (B/W) • 37x zoom (3.5 ~ 129.5mm) • Day & Night (ICR), SSNRIII • IP66, Coaxial control	<b>SCB-6001/SCO-6081R</b>  1080P HD-SDI Box / Weatherproof WDR IR Camera • Full HD (1,920 x 1,080, 30fps), HD (1,280 x 720, 60fps) • 0.2Lux@F1.2 (Color), 0.02Lux (B/W) (SCB-6001) • 0.5Lux@F2.0 (Color) / Fixed lens (3.8mm) • 37x zoom (3.5 ~ 129.5mm) • Day & Night (Electrical), WDR (100dB), MD • SSNRIII, 12V DC • IP66 (SCO-6081R)	

UTP	Thermal
<b>SCD-6081R/SCV-6081R</b>  1080P HD-SDI WDR IR Dome / Vandal-Resistant Dome Camera • Full HD (1,920 x 1,080, 30fps), HD (1,280 x 720, 60fps) • 0.05Lux@F1.2 (Color) • 0Lux (IR LED on), IR distance 15m • 2.8x motorized VF lens (3.8~5.5mm) • Day & Night (ICR), MD, WDR (100dB), SSNRIII • IP66 (SCV-6081R)	<b>SUB-2000</b>  High Resolution UTP Camera • 600TVL • 0.05Lux@F1.2 (Color) • 0Lux (IR LED on), IR distance 15m • 2.8x motorized VF lens (3.8~5.5mm) • Day & Night (ICR), MD, SSNRIII • Coaxial control
<b>SUD-3080</b>  High Resolution WDR UTP Dome Camera • 600TVL (Color), 700TVL (B/W) • 0.3Lux@F1.2 (Color), 0.01Lux (B/W) • Built-in UTP TX • Intelligent video	<b>SUD-2081/2080</b>  High Resolution UTP Dome Camera • 600TVL (Color), 700TVL (B/W) • 0.15Lux@F1.2 (Color), 0.001Lux (B/W) • 3.6x VF lens (2.8 ~ 11mm) • Day & Night (ICR), MD, SSNRIII • Built-in UTP TX, Coaxial control
<b>SCB-9080/9060</b>  Weatherproof Thermal Camera • Outstanding detection without lighting • 1.2km (SCB-9080), 360m (SCB-9060) • Built-in 50mm, 0.47mrad (SCB-9080), • Built-in 14mm, 1.68mrad (SCB-9060) • Min. discernable temperature of 0.08°C • Event alarm, Multi-language OSD, IP66	

16CH	BEYOND	16CH	BEYOND	16CH	BEYOND
<b>SRD-1680D</b>  8/16CH HD-SDI Hybrid Recorder • Real-time, 8CH@2M / 16CH@WD1,4CIF • HDMI/VGA video output • Max. 4 internal HDDs • HDD removable (Easy install) • Smart searching, Tampering support • PTZ Control via Coaxial Cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 64Mbps		<b>SRD-1676D</b>  16CH 1280H Real-time Coaxial DVR • Up to 480(NTSC) / 400(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDDs • Smart searching, Tampering support • PTZ Control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-1673D</b>  16CH 960H Real-time Coaxial DVR • Up to 480(NTSC) / 400(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDDs • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-1670D/1670DC</b>  16CH 4CIF Real-time /Coaxial DVR • Up to 480(NTSC) / 400(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDDs • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-1656D</b>  16CH CIF (1280H available) Real-time Coaxial DVR • Up to 120(NTSC) / 100(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDDs • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps
<b>SRD-1654D</b>  16CH CIF Real-time DVR • 16CH, Real-time@CIF • Max. resolution of 960 x 480 / 960 x 576 • HDMI/VGA video output • Max. 4 internal HDDs • Smart searching • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps		<b>SRD-1653D</b>  16CH CIF (960H available) Real-time Coaxial DVR • Up to 480(NTSC) / 400(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDDs • Smart searching • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-1650D/1650DC</b>  16CH CIF Real-time / Coaxial DVR • Up to 480(NTSC) / 400(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDDs • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-1652D</b>  16CH CIF Real-time DVR • Up to 480(NTSC) / 400(PAL) fps recording rate • VGA/Composite video output • Max. 4 internal HDD • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-1642</b>  16CH 960H Real-time Compact DVR • Up to 480(NTSC) / 400(PAL) fps recording rate • VGA/Composite video output • Max. 2 internal HDDs • PTZ control via coaxial cable • Smart phone support • Enhanced Network Bandwidth up to 32Mbps
<b>SRD-880D</b>  8CH Full HD Real Time HD-SDI DVR • Real-time, 8CH@2M • HDMI/VGA video output • Max. 4 internal HDDs • HDD removable (Easy install) • Smart searching, Tampering support • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 64Mbps		<b>SRD-876D</b>  8CH 1280H Real-time Coaxial DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDDs • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-873D</b>  8CH 960H Real-time Coaxial DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDD • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-870DC</b>  8CH 4CIF Real-time Coaxial DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDD • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-854D</b>  8CH CIF (960H available) Real-time DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDD • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps

8CH	BEYOND
<b>SRD-880D</b>  8CH Full HD Real Time HD-SDI DVR • Real-time, 8CH@2M • HDMI/VGA video output • Max. 4 internal HDDs • HDD removable (Easy install) • Smart searching, Tampering support • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 64Mbps	
<b>SRD-876D</b>  8CH 1280H Real-time Coaxial DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDDs • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	
<b>SRD-873D</b>  8CH 960H Real-time Coaxial DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDD • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	
<b>SRD-870DC</b>  8CH 4CIF Real-time Coaxial DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDD • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	
<b>SRD-854D</b>  8CH CIF (960H available) Real-time DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDD • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	

# DVR/Lens/Peripheral/Monitor

DVR	8CH	4CH	4CH	Lens
<b>SRD-850D/850DC</b>  8CH CIF Real-time / Coaxial DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • VGA/Composite video output • HDMI/VGA video output • Max. 4 internal HDDs • PTZ control via coaxial cable • Smart searching, Tampering support • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 8Mbps	<b>SRD-852D</b>  8CH CIF Real-time DVR • Up to 240(NTSC) / 200(PAL) fps recording rate • VGA/Composite video output • HDMI/VGA video output • Max. 4 internal HDDs • PTZ control via coaxial cable • Smart searching, Tampering support • Smart phone support, DVD-RW	<b>SRD-842</b>  8CH 960H Real-time Coaxial DVR • Real-time, 4CH@2M • HDMI/VGA video output • Max. 2 internal HDDs • PTZ control via coaxial cable • Smart searching, Tampering support • Smart phone support • Enhanced Network Bandwidth up to 64Mbps	<b>SRD-482</b>  4CH Full HD Real Time HD-SDI DVR • Real-time, 4CH@2M • HDMI/VGA video output • Max. 2 internal HDDs • PTZ control via coaxial cable • Smart searching, Tampering support • Smart phone support • Enhanced Network Bandwidth up to 64Mbps	<b>SRD-476D</b>  4CH 1280H Real-time Coaxial DVR • Up to 120(NTSC) / 100(PAL) fps recording rate • HDMI/VGA video output • Max. 1 internal HDDs • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 64Mbps
<b>SRD-473D</b>  4CH 4CIF Real-time H.264 DVR • 4CH, Real-time@4CIF • Max. resolution of 960 x 480 / 960 x 576 • HDMI/VGA video output • Max. 4 internal HDDs • Smart searching • PTZ control via coaxial cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-445</b>  4CH 960H Real-time Compact Design Coaxial DVR • Up to 120(NTSC) / 100(PAL) fps recording rate • HDMI/VGA video output • Max. 4 internal HDDs • Smart searching • PTZ control via coaxial cable • Smart phone support • Enhanced Network Bandwidth up to 32Mbps	<b>SRD-443</b>  4CH CIF Real-time H.264 Digital Video Recorder • 4CH, Real-time@CIF • VGA resolution • Max. resolution • 3.0Gbps (SATA II) • Available SATA HDD : up to 4 (4TB)	<b>SVS-5R/5E</b>  RAID 5 Unit /HDD Extension Unit • 1U 19-inch rack case • Data transmission speed : up to 3.0Gbps (SATA II) • Available SATA HDD : up to 4 (4TB)	<b>SLA-12240/880</b>  1/2" C-mount Motorized 20x/10x Zoom Lens • 1.3 Megapixel resolution (SLA-12240) • VGA resolution (SLA-880) • 50mm lens with micro bolometer sensor • Auto Iris : DC (SLA-12240) / Video (SLA-880) • 20x optical zoom (12 ~ 240mm / 0.47" ~ 9.45")/ 10x optical zoom (8 ~ 80mm / 0.31" ~ 3.15")
<b>SRD-1680D</b>  8/16CH HD-SDI Hybrid Recorder • Real-time, 8CH@2M / 16CH@WD1,4CIF • HDMI/VGA video output • Max. 4 internal HDDs • HDD removable (Easy install) • Smart searching, Tampering support • PTZ Control via Coaxial Cable • Smart phone support, DVD-RW • Enhanced Network Bandwidth up to 64Mbps	<b>SRD-1676D</b> <img alt="SRD-1676D			